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EXERCISE DESERT ROCK LAS VEGAS NV

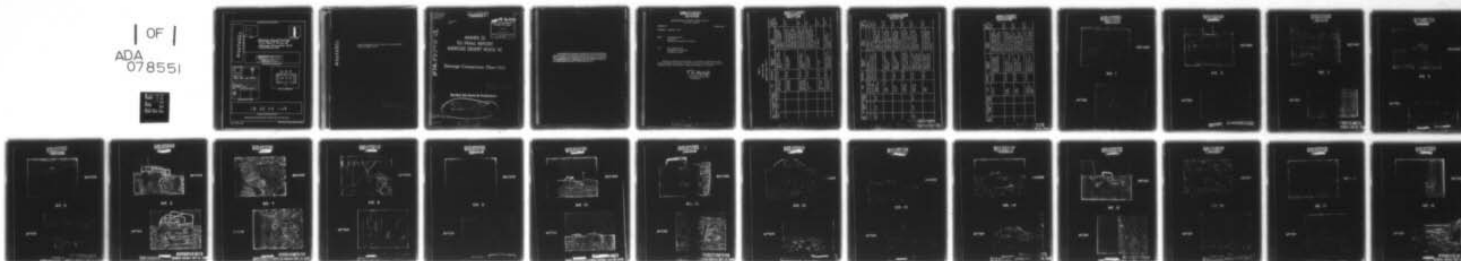
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EXERCISE DESERT ROCK VI. ANNEX Q. DAMAGE COMPARISON CHART, (U)
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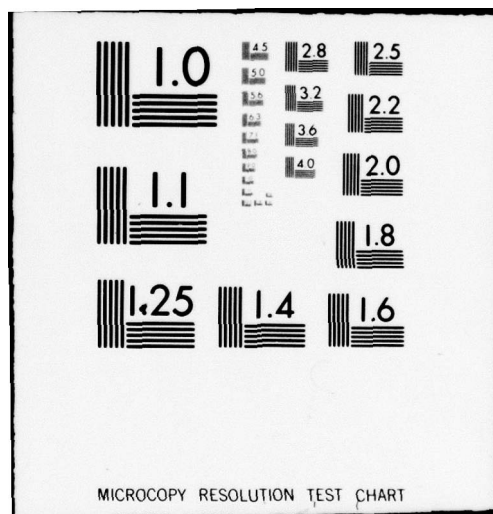
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DTIC ACCESSION NUMBER



LEVEL



INVENTORY

Exercise Desert Rock VI
Final Report, Annex G
Damage Comparison Chart
DOCUMENT IDENTIFICATION

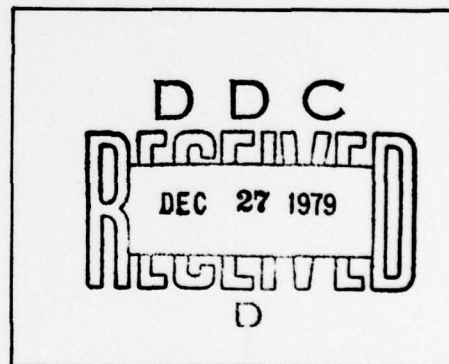
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DAMAGE COMPARISON CHART, ANNEX Q TO FINAL REPORT
EXERCISE DESERT ROCK 6

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Desert Rock
AG No-4496
Annex Q

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ANNEX Q
TO FINAL REPORT
EXERCISE DESERT ROCK VI

Damage Comparison Chart (U)

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L. J. Francis
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HEADQUARTERS EXERCISE DESERT ROCK VI
LAS VEGAS, NEVADA

AMCDR-S3

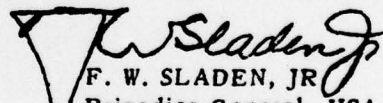
23 May 1955

SUBJECT: Comparison Chart

THRU: Commanding General
Sixth Army
Presidio of San Francisco, California

TO: Commanding General
Continental Army Command
Fort Monroe, Virginia

Pursuant to paragraph 8b, letter AMGCT-4 354.2/DR VI, Headquarters Sixth Army, 30 December 1954, subject, "Directive for Exercise Desert Rock VI", Annex Q (Comparison Chart) to Final Report, Exercise Desert Rock VI is forwarded.


F. W. SLADEN, JR.
Brigadier General, USA
Commanding

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ATOMIC ENERGY ACT OF 1954

ANNEX Q

Comparison Chart

EXERCISE DESERT ROCK VI

| SHOT NAME | ANTICIPATED YIELD | ACTUAL YIELD | ITEM | DISTANCE | PREDICTED DAMAGE | ACTUAL DAMAGE | PHOTO REF. NR |
|-----------|-------------------|--------------|------------------------------------|----------|--|--|---------------|
| TESLA | 1-2 KT | 7.0 KT | Bunker & 30 Cal. Hvy MG | 500 yds | Severe; top blown off; weapons thrown about. | Complete destruction; front end collapsed; support stringers broken. | NR 1 |
| | | | 1/4 Ton Trk w/610 Radio | 500 yds | Severe damage, overturned. | Complete destruction; radio thrown out; vehicle frame bent & twisted; vehicle overturned; tires & metal severely scorched. | NR 2 |
| | | | Barbed wire fence & 30 Cal. Hvy MG | 500 yds | Wire torn from stakes; MG thrown about. | Wire torn from stakes; stakes ripped from ground; MG overturned. | NR 3 |
| | | | 2 1/2 Ton Trk | 500 yds | Severe damage; overturned. | Severe; truck remained upright; windshield blown away; hood blown off; seats blown out of back. | NR 4 |
| | | | Bunker & 30 Cal. Light MG | 1000 yds | No damage. | No Damage. | NR 5 |
| | | | 1/4 Ton Trk w/608 Radio | 1000 yds | Slight damage of fabrics; glass possibly broken. | Tires slightly scorched; minor damage. | NR 6 |

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| SHOT NAME | ANTICIPATED YIELD | ACTUAL YIELD | ITEM | DISTANCE | PREDICTED DAMAGE | ACTUAL DAMAGE | PHOTO REF. NR |
|-----------|-------------------|--------------|----------------------|----------|---|---|---------------|
| | | | 60 mm Mortar | 1000 yds | No damage. | No damage. | NR 7 |
| | | | BD 71 SWB | 1000 yds | Slight scorching. | No damage | NR 8 |
| APPLE I | 32 KT | 15 KT | Bunker & barbed wire | 1000 yds | Sand bags scorched. | Light damage to bunker; severe scorching; barbed wire and stakes blown away. | NR 9 |
| | | | Truck, 5 ton Dump | 1000 yds | Light to moderate by blast; paint scorched. | Severe damage; hood crushed; bed torn off; fender & body toward blast crushed. | NR 10 |
| | | | 1/4 Ton 4 x 4 | 1000yds | Light to moderate by blast; paint scorched. | Severe damage; hood blown completely off; body bent & twisted; overturned. | NR 11 |
| | | | Command Post Tent | 2500 yds | Moderate damage by blast; severe damage by thermal radiation. | Complete destruction; tent poles & ridge pole charred; fabric completely burned. | NR 12 |
| APPLE II | 32 KT | 30 KT | M-48 Medium Tank | 500 yds | Moderate to severe damage by blast; scorched by blast; paint scorched by thermal radiation. | Moderate destruction; track blown off; overturned; turret rotated. | NR 13 |
| | | | Light Tank | 1000 yds | Light to moderate damage by blast; scorched paint by thermal radiation. | Blew turret 600 yds; stripped mud guards off; blew tube completely out of turret; major damage. | NR 14 |

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| SHOT NAME | ANTICIPATED YIELD | ACTUAL YIELD | ITEM | DISTANCE | PREDICTED DAMAGE | ACTUAL DAMAGE | PHOTO REF. NR |
|-----------|-------------------|--------------|-----------------------------------|----------|---|---|---------------|
| | | | 1/4 Ton | 1000 yds | Light to moderate damage by blast; paint scorched by thermal radiation. | Complete destruction; vehicle thrown completely out of position; frame bent & twisted; tires & metal severely scorched. | NR 15 |
| | | | 81 MM Mortar | 1000 yds | Light damage by blast; paint scorched by thermal radiation. | Severely tossed about; thrown out of emplacement; hole filled in; sandbags destroyed. | NR 16 |
| | | | 57 MM AT Gun | 1000 yds | Light damage by blast; paint scorched by thermal radiation. | Complete destruction; trails blown off; shields blown off; one wheel blown; carriage bent and twisted. | NR 17 |
| | | | Command Post & Art-iculated Dummy | 2000 yds | Moderate damage by blast; severe damage by thermal radiation. | Tent blown and partially burned; dummy shattered into several pieces; cot collapsed. | NR 18 |

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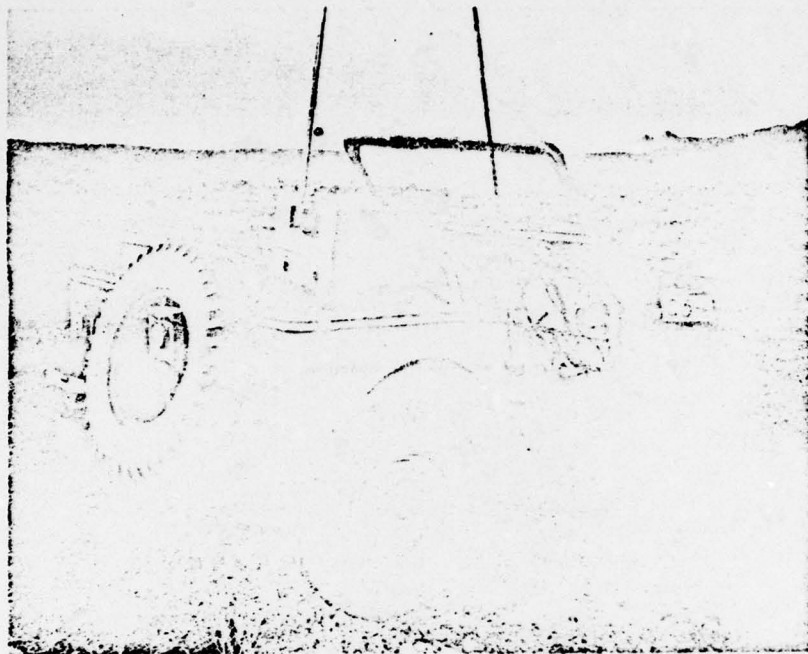
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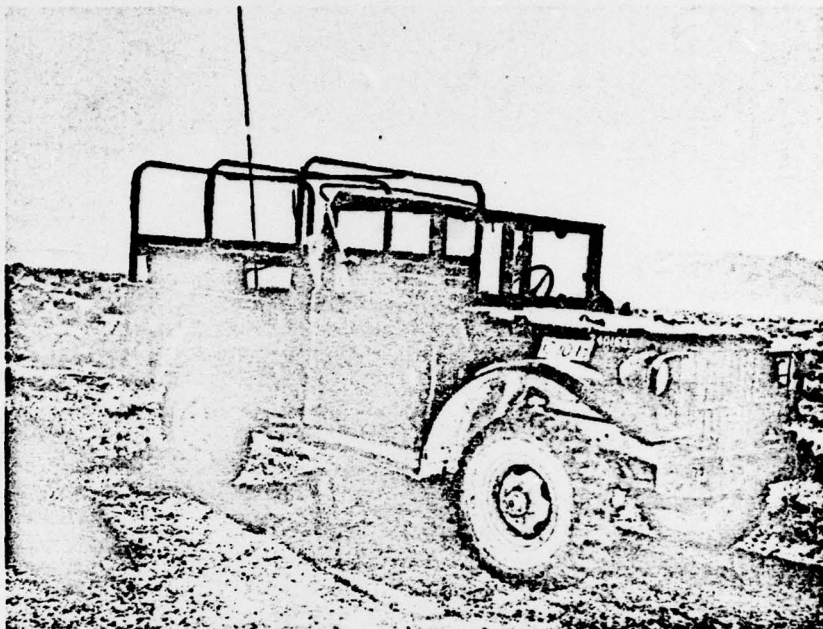
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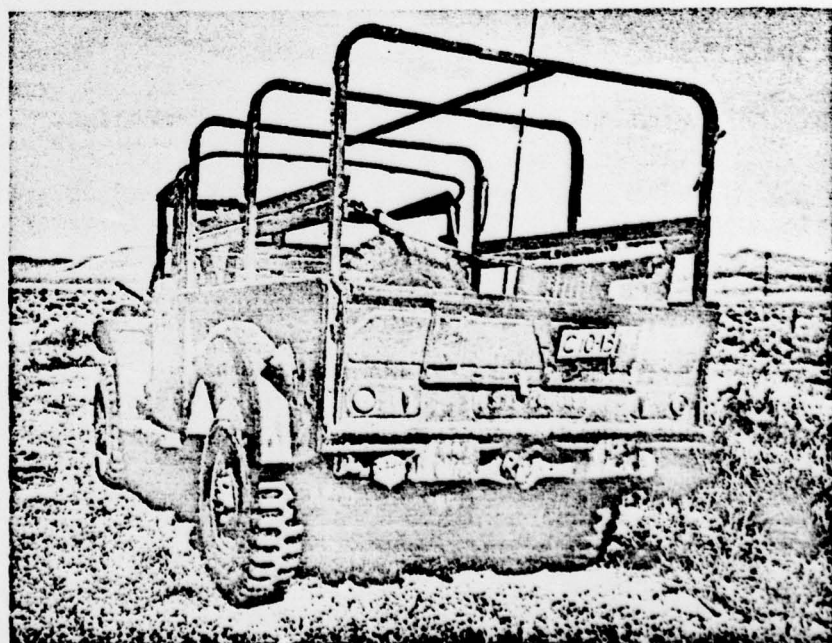
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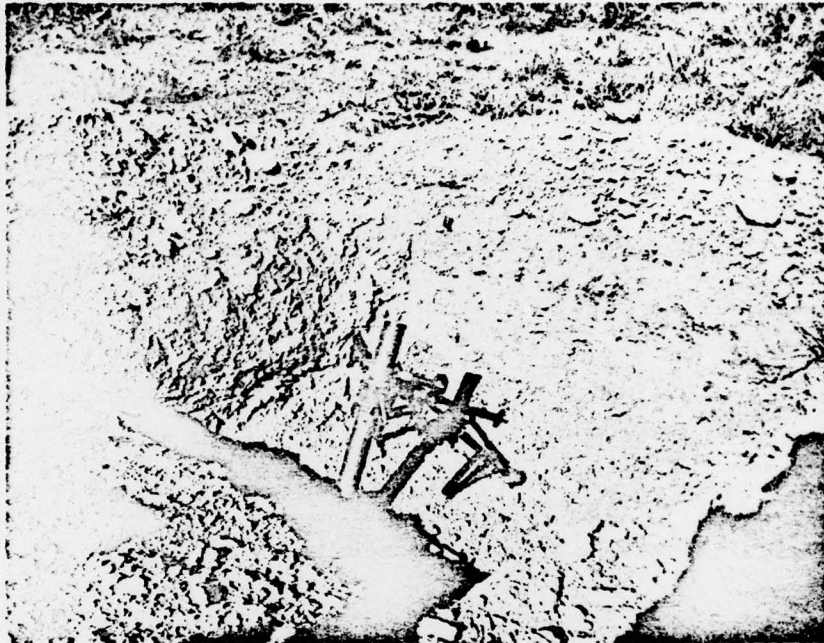
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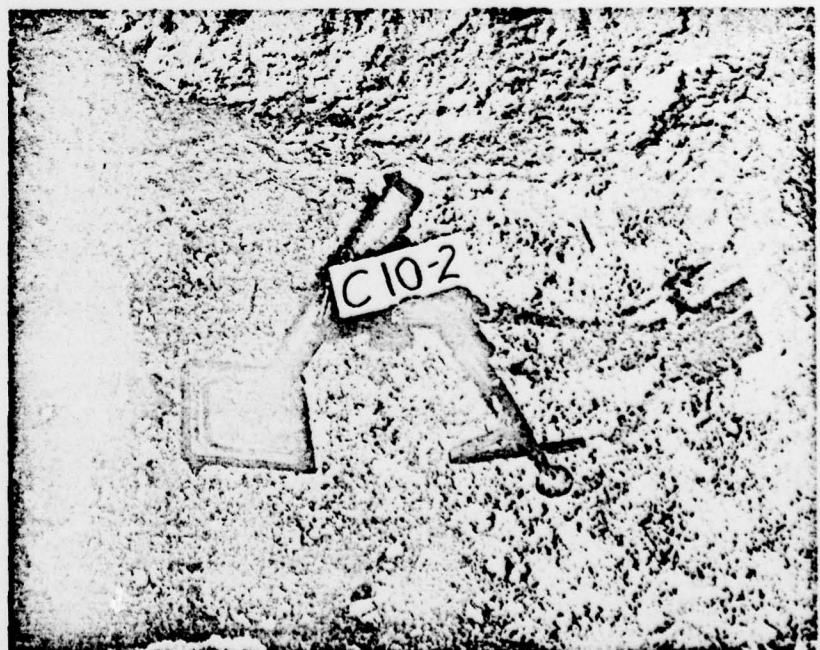
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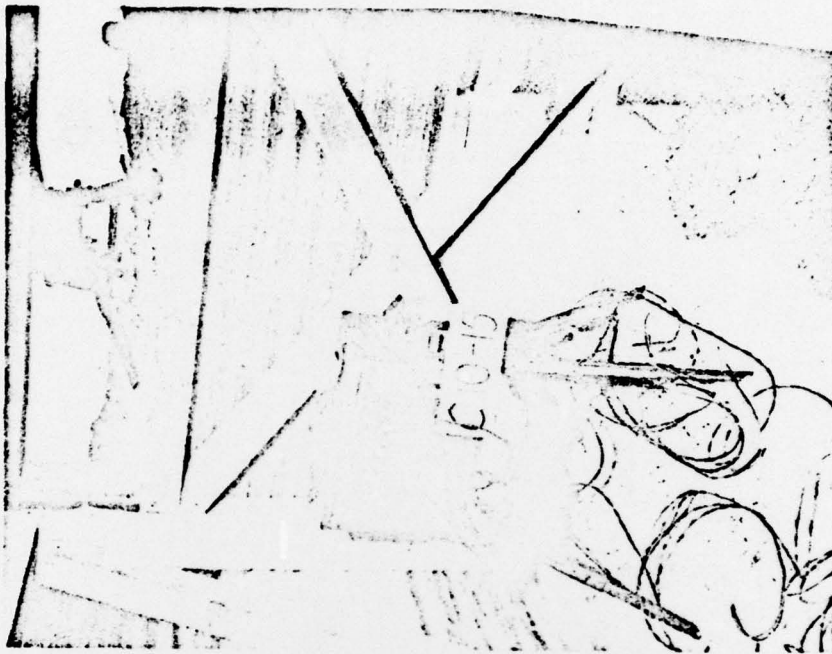
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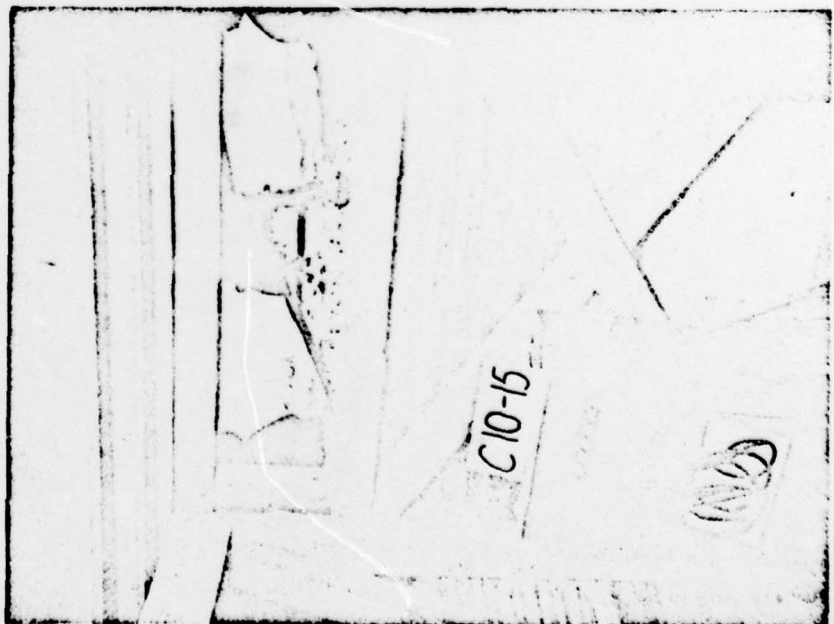
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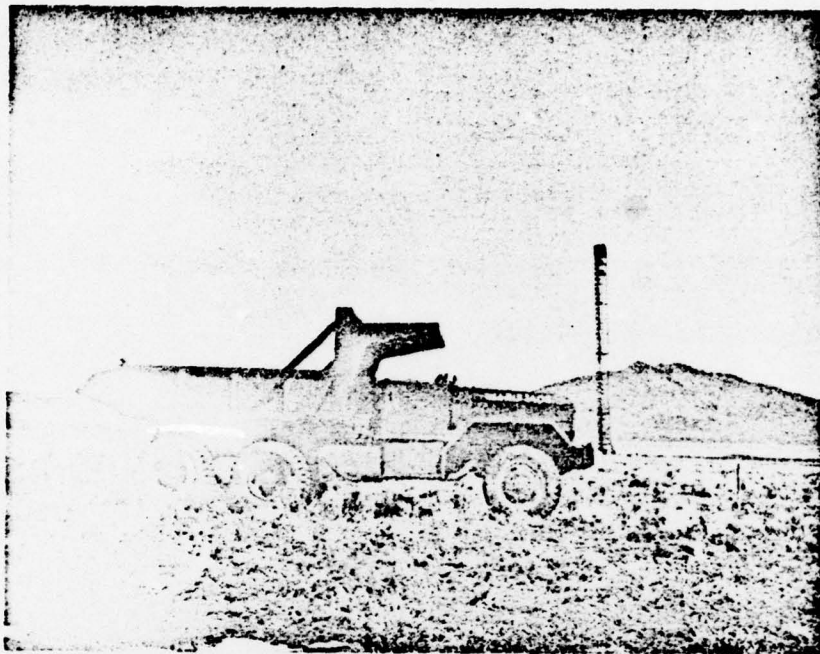


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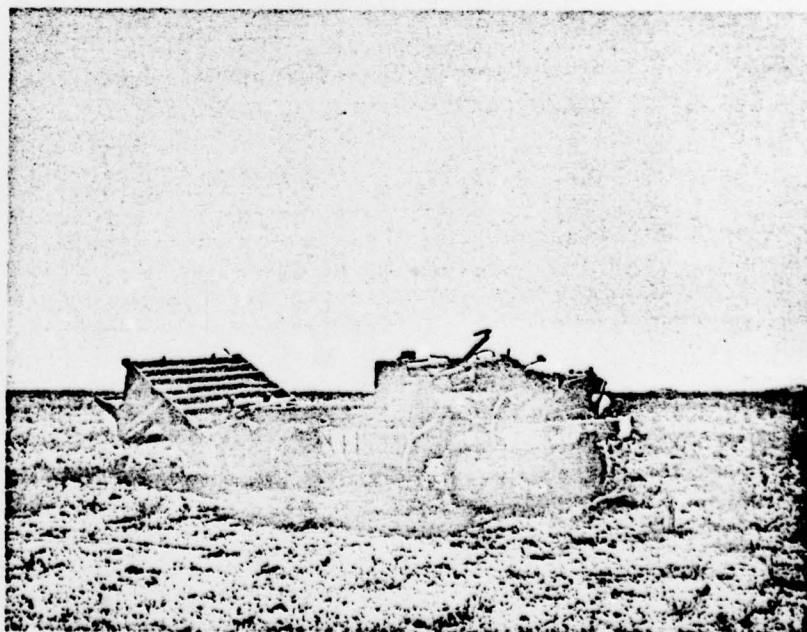
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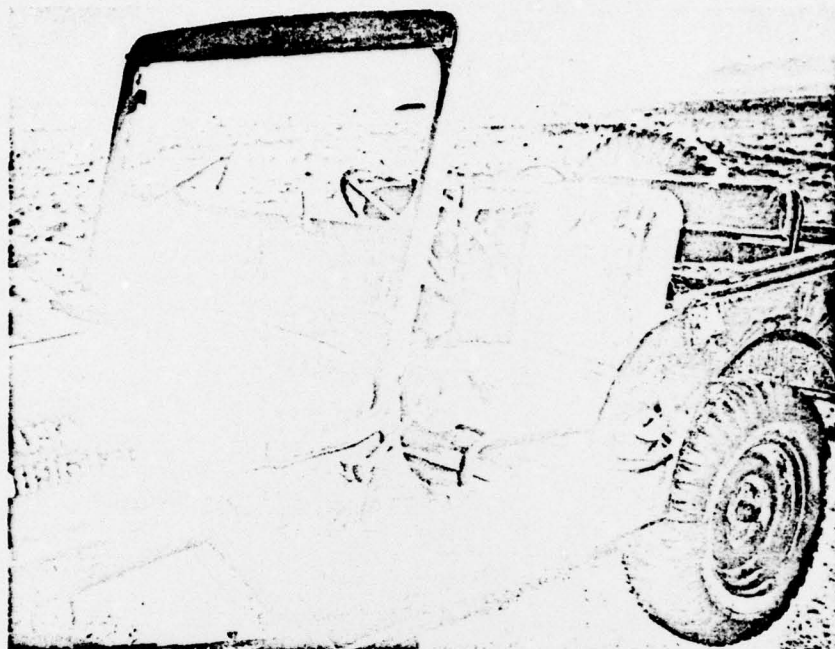
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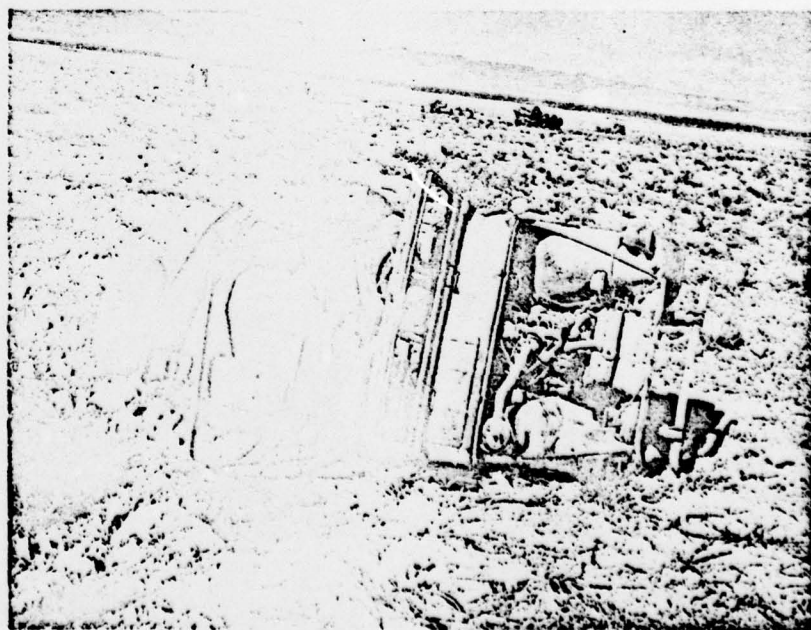
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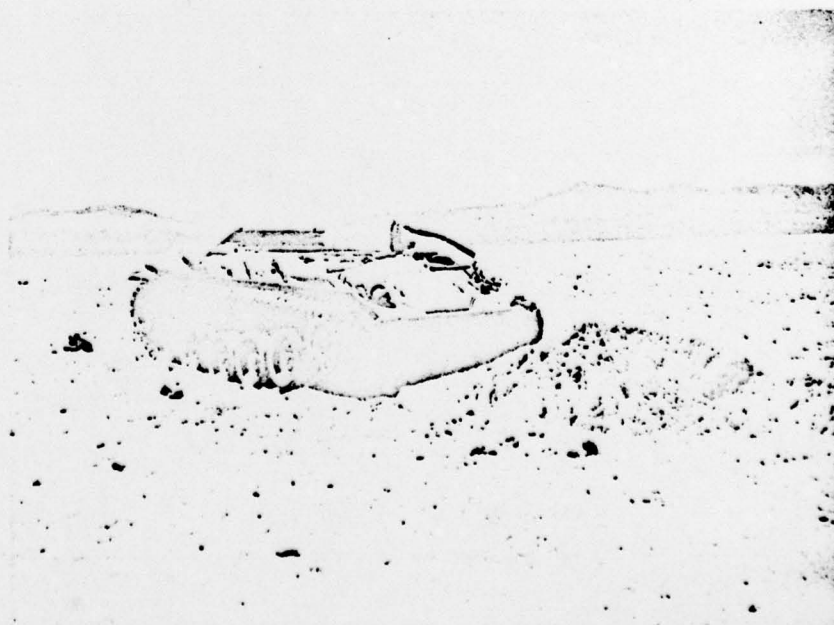
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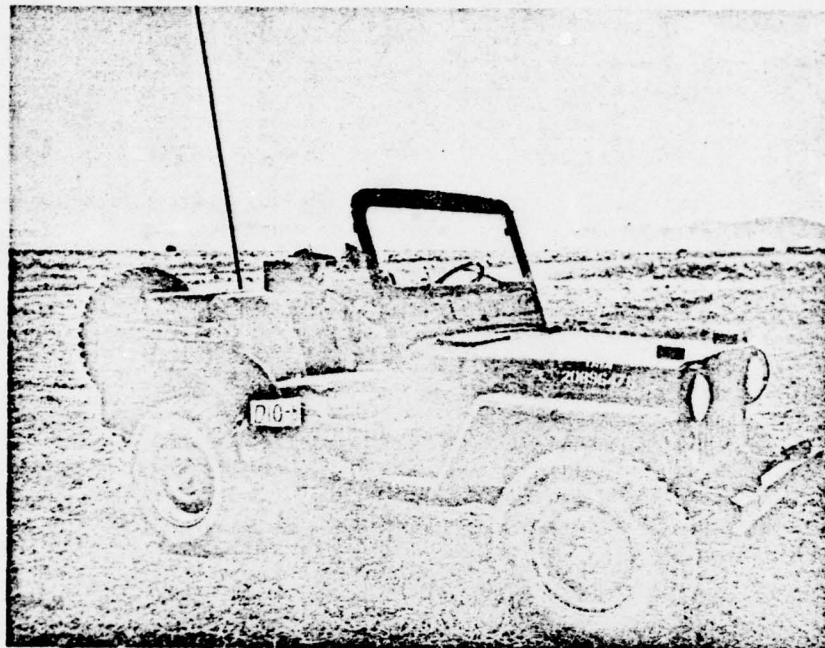


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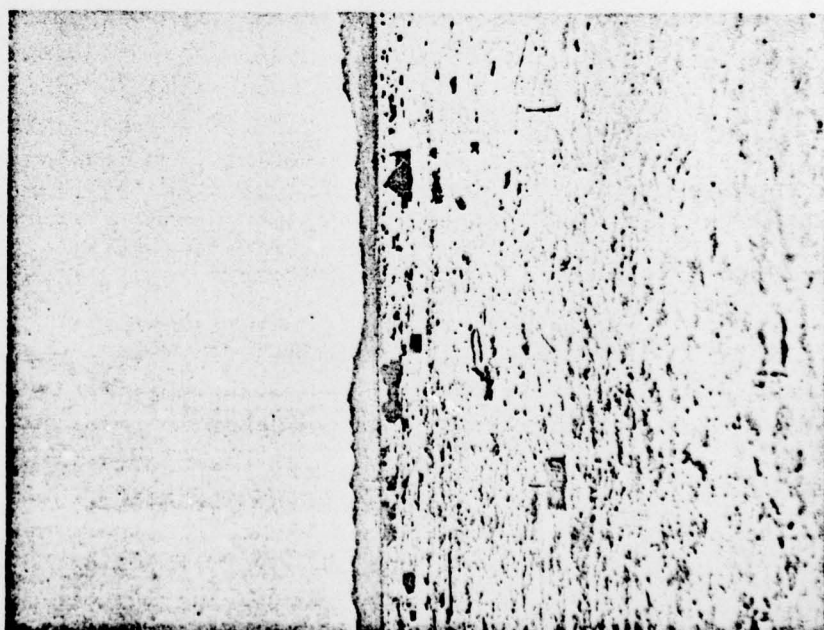
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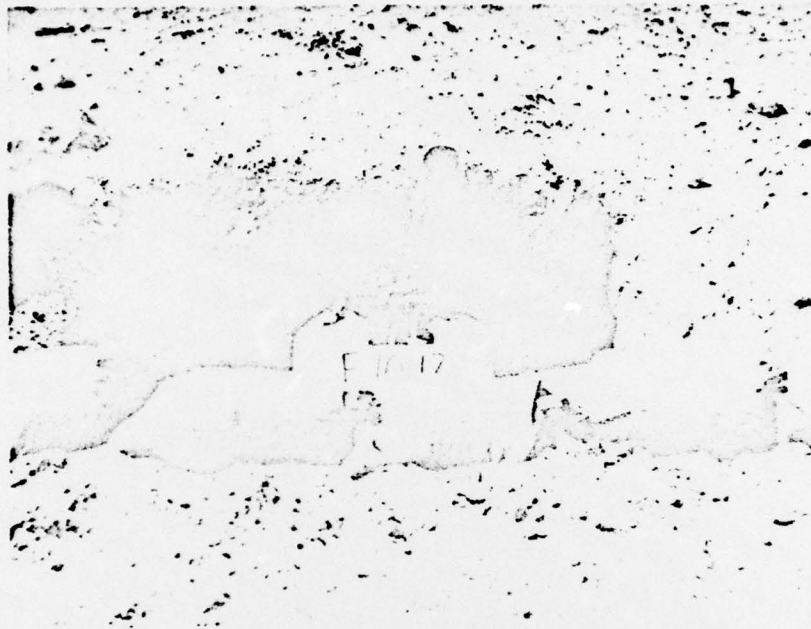
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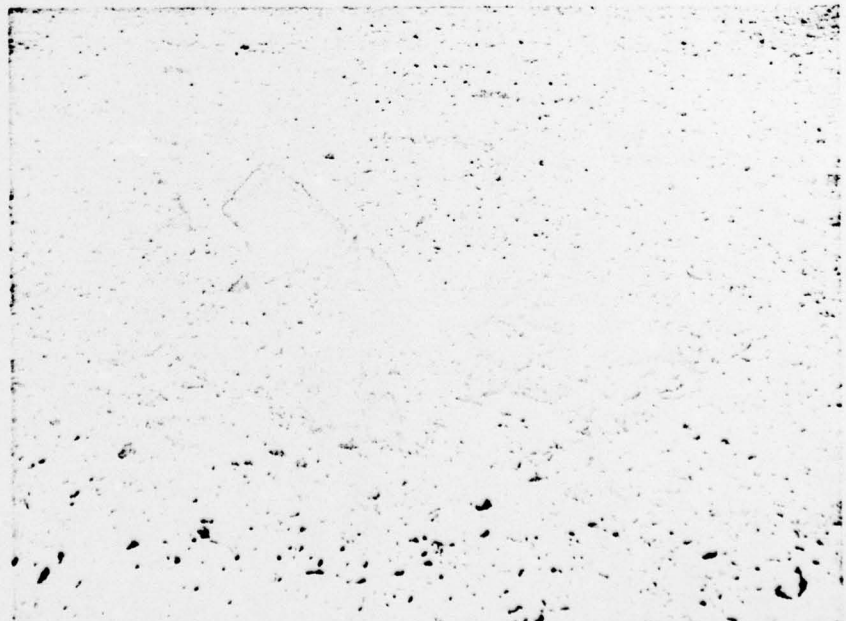
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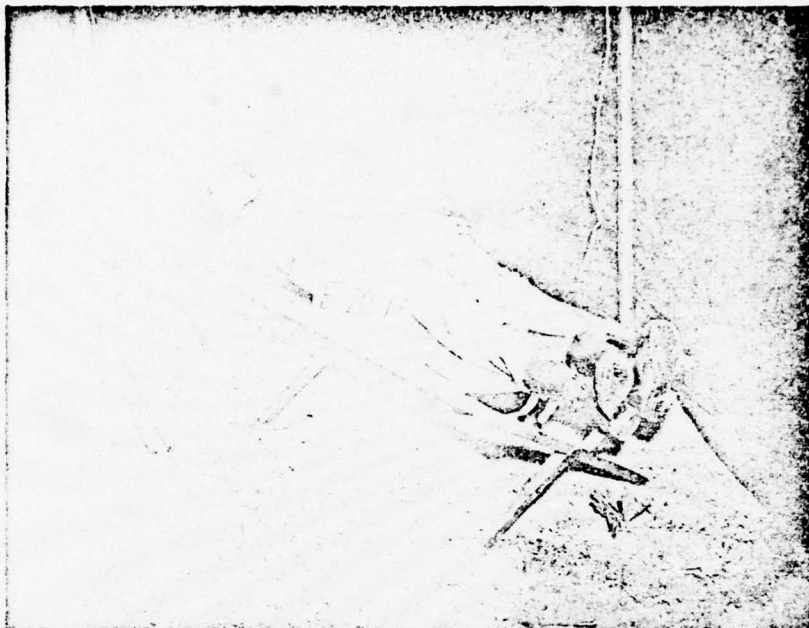
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